

7-23-1937

M.W.A.K. Columbian, Vol. 3, No. 29

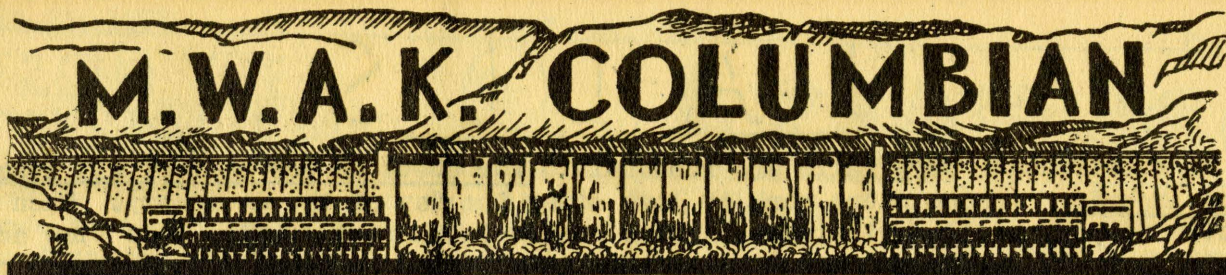
Mason-Walsh-Atkinson-Kier Co.

Follow this and additional works at: http://dc.ewu.edu/mwak_columbian

Recommended Citation

Mason-Walsh-Atkinson-Kier Co., "M.W.A.K. Columbian, Vol. 3, No. 29" (1937). *Columbian (Grand Coulee Dam newsletter)*. 47.
http://dc.ewu.edu/mwak_columbian/47

This Book is brought to you for free and open access by the University Archives & Special Collections at EWU Digital Commons. It has been accepted for inclusion in *Columbian (Grand Coulee Dam newsletter)* by an authorized administrator of EWU Digital Commons. For more information, please contact jotto@ewu.edu.



SAFETY
DEPARTMENT

MASON-WALSH-ATKINSON-KIER CO.
BUILDERS OF COULEE DAM

MASON CITY
WASHINGTON

Vol. 3 No. 29

M. Pete Shrauger—Editor
Safety Engineer

July 23, 1937

ONE HUNDRED MILES OF PIPE CONDUCT AIR, WATER, STEAM —

If the X-ray eye of a mortal could take a bird's-eye view of the dam site— If that eye would expose metal work through concrete and earth, it would find the earth and concrete ribbed into a network of pipe extending five miles from east to west and two miles from north to south. This means from Electric City out into Brett pit and from the city supply pumps for Mason City to the gravel system pump house. The web of the "strands" would center about the concrete area.

For five different duties, over 100-miles of metal pipe have been placed by the MWAK. These are for air, water, steam sewage, and acetylene-oxygen. They do not include the 8-inch heavy-duty drain pipe, grout pipe, cooling pipe, and conduit. Consideration is relegated to such pipe directly under the supervision of Arnold Mayfield.

More than 92 miles of pipe have been placed for the construction area itself, warehouse figures of July 12 show. In addition to this, however, are 12 miles of pipe for the Mason City townsite and one mile of 4-inch Rainmaker for both air and water on the job. This means a total of approximately 105 miles of pipe for the five duties. All pipe is in use with the exception of 5,000 feet of various lengths and sizes stored near the pipe shop in the machine shop area.

A distribution estimate for the 92 miles gives nearly 35 miles each for air and water, 14 for steam, nine for acetylene and oxygen and for sewage. The overlapping of duties of the different kinds of pipe makes it difficult to determine the exact distribution of a certain kind and size of pipe. However, over eight miles of $\frac{1}{2}$ -inch galvanized pipe are in use for curing concrete, and 6,900 feet of 11-inch plain weld pipe act as cement lines from the cement silos to the two mixing plants. Naturally the largest amount of a given kind of pipe is that for the black or wrought-iron pipe for air, water and steam. This approximates 60 miles. The two kinds of weld pipe, for both air and water, reach a length of nearly 31 miles (Chart on Page 5).

The largest amount of pipe is in and around the concrete area. Five lines, for water, air, steam, acetylene and oxygen, extend along under both high and low trestle decking for 4,000 feet of trestle, with drops down to concrete at every other trestle bent. Drops extend to about five feet from concrete blocks. Five feet of each kind of pipe is taken off before the next 5-foot lift of concrete in a given block.

An interesting thing in connection with pipe installation is the placement of steam lines between air and water lines. This was done with a definite purpose in

(Continued on Page 5)

FALLS

On construction work falls are responsible for about 25 per cent of all disabling injuries (those where work is lost after the day of the accident). When the victim is permanently crippled--and this occurs in one out of five lost time accidents from falls--the average loss of time is more than a year! The less serious cases as a rule result in about two months of disability.

For the usual construction job, considering only the number of persons involved in falls, there is the following distribution:

Falls on level surfaces	31%
From elevations other than those indicated below	24
Falls from ladders	15
Falls from steps	12
Falls from scaffolds and staging	11
Falls into openings	6
Other types	1

On level surfaces it will be a case of slipping (31% of all level surface falls;) falling when handling bulky objects (29%); stumbling over objects (16%); a fall in which the injury is due to objects held in the hands (9%); slipping or breaking of tools (4); defective surfaces, foot catching, etc. (11%).

The elevations other than ladders, scaffolds, steps and openings refer to roofs, structural framing, forms, etc.

Ladders in one-third of the cases will slip, twist or fall. In one-tenth of the number they will break. Other instances may be due to slipping of the foot, or loss of balance; loss of balance in handling bulky objects; falling while getting on or off; being knocked off the ladder, etc.

On the scaffold and staging accidents, about 30% will result from the breaking or slipping of the scaffold, and 10% from tilting or falling of loose plank. The rest will be accounted for by the slipping of the foot or loss of balance; breaking of tackle or support; loss of balance in handling bulky objects; falling while getting on or off; defective or broken surfaces; getting knocked off scaffolds; falling over loose objects on scaffolds; tilting of scaffold, and occasionally other conditions.

In the majority of situations, your safety will depend more than anything else upon how you handle yourself. NO ONE ELSE CAN BE CAREFUL FOR YOU, although they may help a little. It is possible in many instances to observe dangerous conditions that can and should be corrected immediately. Ladders, for example, should be placed at a safe angle, being securely fastened at the top and bottom so that they will not slip, twist, or fall. A handhold at the top is always desirable. The spacing should be uniform. The ladder should be amply strong for the loads it is to carry. Careful inspection will reveal dangerous conditions on scaffolds and staging, and poor housekeeping situations. They must then be fixed at once so that everyone using them will be protected.

Never forget that A SINGLE MISTEP MAY BRING A LIFETIME OF REGRET!

FROM THE
CRYSTAL BALL

A YEAR AGO

....NEIL McMURRAY might just as well announce that he's ready to "middle-aisle" it and stock up on cigars.....

....RAY HINES, "Who's afraid of the big bad policeman?!".....

....RUSS HARRIGAN, "Honest, honey, you are the only one I love.".....

....BUTCH LONG, "Just one more dollar and I can go to Spokane.".....

....SQUEAKY CLEMENTS refuses to tell what he does with all his money (Everyone knows anyway).....

....W. W. HOCKADAY departed to see what the salt waves of a sea would taste like.....

....GEORGE HARGROVE, Rec. hall boys are curious as to whether lipstick makes a mustache grow.....

....LLOYD HALFHILL gets up early every day to train for Paavo Nurmi.....

....CARL LYONS, last Sunday, "That's the way we baroque chickens in good old Paducah, Kentucky.".....

....BARTLELL BROWN, HERBERT JONES, etc., "It's a party (Be baroque and Paducah).....

....VICTOR GLENN, as a single man, "This ladies and gentlemen, is the way I make ice cream.".....

....KRISTIAN ANDERSON, with a distinctive name, is still puzzled how someone caught up with him.....

....ROY THOMAS isn't Winchellizing around here any more. He's in Seattle.....

....R. E. McCURDY, once of the majority and over 21, is with the minority. He's buying a new (Reo) car.....

....Visiting "DOC" UPRICHARD mystifies as to who got his (?) gold finger bracelet.....

....JOHNNY (HOLLINGBERRY) GRAHEK has gone into the investment business—buying furniture.....

....BE SAFE TODAY OR YOU MAY BE AN ACCIDENT STATISTIC TOMORROW.....

....FLORENCE REINER HAS a car to use.....

....SAMMY GRANDE, "Me for a vacation next week.".....

....DUNCAN McPHERSON, "I shouldn't mind two or three weeks, beginning the first of August.".....

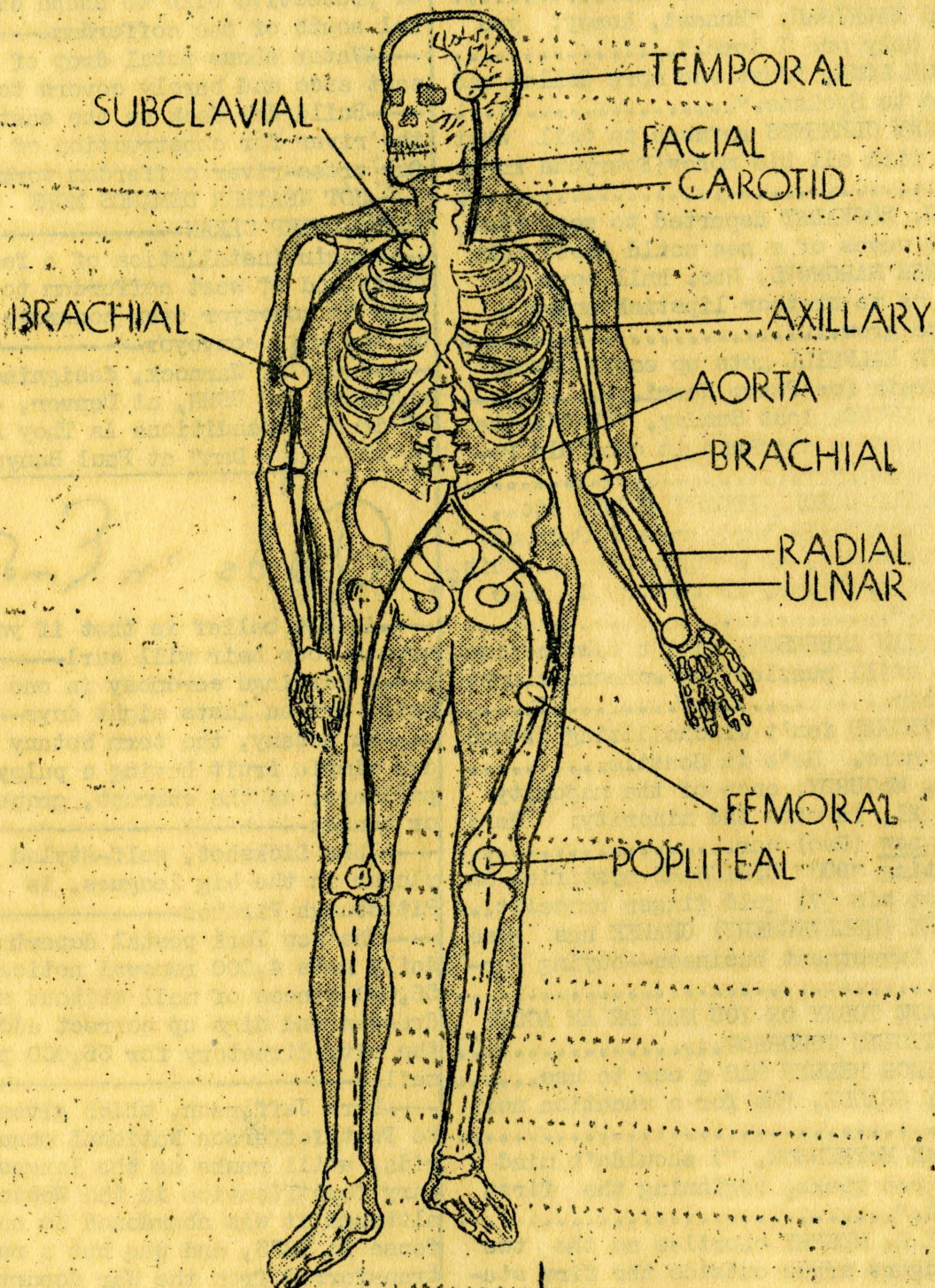
....FRANK E. MURPHY chortles as the two caged badgers argue outside the fire station.....

....BESS SLATER, after two weeks in Spokane, remembers being there.....

---Thermometer reaches 108 degrees, July 21---
 ---Begin work for east side vista house---
 ---Three 12-yard trucks begin formation of protective dike to shape diversion channel south of the cofferdam---
 ---Water shows total drop of 70 feet on east side and barely covers top bedrock---
 ---Build dry dock on the east side of the river for construction of five barges for cross-river cofferdam work---
 ---HOT WEATHER DEMANDS MORE FREQUENT BATHS---KEEP CLEAN---
 ---Begin installation of a feeder toward north end of west cofferdam to remove berm by conveyor over concrete blocks and up the main conveyor---
 ---Jacob E. Warnock, designing hydraulic engineer for USBR, at Denver, explains "Hydraulic Conditions As They Affected the Grand Coulee Dam" at Paul Bunyan club---
 Odds in Ends

---An old belief is that if you eat bread crusts your hair will curl---
 ---A marriage ceremony in one of the Sumatra tribes lasts eight days---
 ---In botany, the term botany refers to any simple fruit having a pulpy or fleshy pericarp, as the currant, grape, cranberry or banana---
 ---John Dickshot, self-styled homeliest player in the big leagues, is with the Pittsburgh Pirates---
 ---The New York postal department office daily gets 4,000 removal notices, receives 56,000 pieces of mail without street addresses and digs up correct addresses from the city directory for 35,000 pieces of mail---
 ---Fort Jefferson, which gives its name to Fort Jefferson National monument, Florida, still ranks as the largest all-masonry fortification in the Western World although it was abandoned as an active defense in 1873, and was but a ruin when transferred from the War department to the navy department in 1900---
 ---DID YOU EVER TRY TO SLEEP WITH AN INFECTED HAND AS A BEDFELLOW?---

SEVERE BLEEDING MAY BE FATAL



PRESSURE POINTS

PIPE LINES

(Continued from Page 1)

mind. While steam lines have direct duties of their own to perform, here they serve an indirect purpose also by maintaining a higher temperature in the two parallel lines than ordinarily would be the case. And temperature is an important consideration in building a modern concrete dam.

In addition to the obvious value of preventing the freezing of water lines, there is value connected with the mixing of concrete. When water is cold, as in the winter and early spring, steam warms water for mixing concrete. And because water plays an important part in the cleaning and curing of blocks, water above a temperature of 40 degrees is valuable. A similar value is apparent for compressed air lines as they work on concrete blocks, some of which may have films of ice during the winter. Here steam may also play a direct part against the ice. By paralleling air lines, steam further prevents a possible precipitation of water in the air which might result from a lowering of temperature. This would be detrimental to the operation of air tools.

A more direct work of steam lines lies in their heating the aggregate in the storage piles at the airplane tripper. This facilitates the movement of the sand and gravel and helps maintain a higher temperature for mixing concrete. The three stationary boilers with their steam lines further provide heat for the mixing plants, adjacent buildings, and several buildings of the machine shop area.

Acetylene and oxygen lines reach out from three generators, equal in size, and located at the two mixing plants and the machine shop. Because of the large amount of pipe and metal work in concrete, and fabrication and repair at the machine shop, these lines for welding operations are indispensable.

The pipe system for the railroad yard at Electric City is separate from other lines of the area. Electric City has about

2,500 feet of water line and 1,400 feet of sewer lines for its yard area.

Before work could get under way at the dam site, a water supply was necessary. In October, 1934, the MWAK installed a gasoline pump near the pine tree below the pipe shop. The pump sent water through a 4-inch pipe to one of the three reservoirs now used for the city water supply. Part of the original pipe can still be seen from the roadway below the panel yard. Completion of the city water and sewer system followed the first pump installation.

The first steam plant was installed early before the building of the machine shop. It is still in use on the east bank of the river. A boiler was added to each of the mixing plants. Other lines for acetylene, oxygen, water and air gradually built up along with excavation, concrete placement and trestle erection.

A chart showing pipe used for the construction areas follows:

BLACK PIPE			
1/2"	19,500 ft.	3"	21,500 ft.
3/4"	42,000 "	4"	4,700 "
1"	54,800 "	6"	5,500 "
1-1/4"	13,500 "	8"	2,100 "
1-1/2"	59,500 "	10"	100 "
2"	52,600 "		275,800 ft.

SPIRAL-WELD PIPE			
4"	37,300 ft.	16"	1,300 ft.
6"	20,500 "	18"	1,500 "
8"	37,000 "	24"	2,000 "
10"	14,100 "		119,800 ft.
12"	6,100 "		

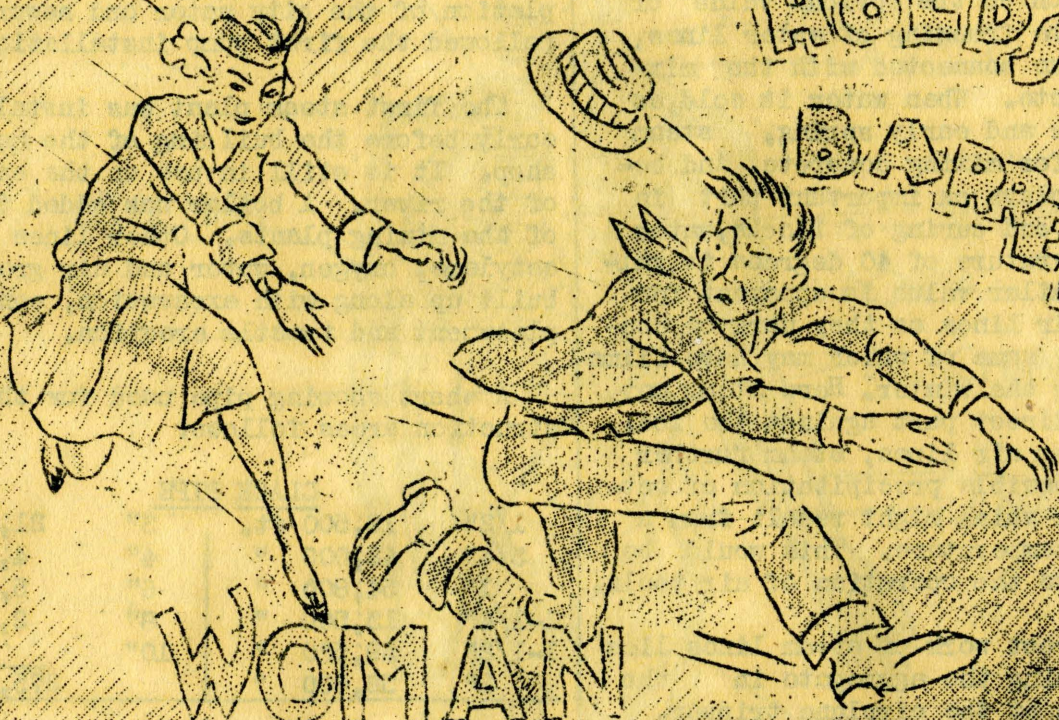
PLAIN WELD PIPE			
4"	22,000 ft.	14"	500 ft.
8"	8,000 "	16"	1,400 "
10"	2,300 "	18"	100 "
11"	6,900 "	24"	100 "
12"	1,100 "		42,400 "

CORRUGATED CULVERT PIPE			
18"	500 ft.	42"	1,500 ft.
36"	2,000 "	60"	1,500 "
			5,500 ft.

GALVANIZED PIPE			
1/2"			43,000 ft.
GRAND TOTAL			486,500 ft.

Mason City Theatre

THE BATTLE
OF THE CENTURY! NO
HOLDS
BARRED!



WOMAN

MIRIAM HOPKINS - CHASE
JOEL MCCREA - MAN

CHARLES WANNIGER ERIK RHODES

SUN
ST. 10A

\$148

MOVIE SWEEPSTAKES

TUESDAY

RIVER PROVIDES DANGER

When Charles Bassett, mixing plant foreman, slipped off into deeper water and drowned at Elmerton beach Tuesday night, it emphasized the need of care on the part of all swimmers. Bassett was a bather and not yet a swimmer, those who know him report.

Learning to swim might be a life-saver some day, if carried out under proper supervision and not in dangerous water.

A swimmer, even the best, or a non-swimmer should always consider where he is swimming. The Columbia river not only is relatively cold the year around but is deceptive in places. Ever where water appears placid on the surface there may be undertows, eddies, whirlpools and other currents. Those conditions have tried the dare-devil antics of swimmers in the past, and several have been fortunate to escape. The Columbia river has shown that it can be irresistible enough to sweep a man from apparently a safe place into deeper and dangerous water before others can help him.

A man may be an aquatic star, but some of the best swimmers have gone to an early grave because they thought they were better than they really were.

-000-

Divers were still unable to locate Bassett's body yesterday.

-000-

THE MOST PERFECT MACHINE

Engineers are prone to talk of the efficiency of modern machines. But no machine has ever been constructed that is so perfect as man himself. Where can we find a pump so perfect as the human heart which, if the boss treats it right, stays on the job for more than 600,000 hours. We have no telegraphic mechanism equal to our nervous system; no radio so efficient as the voice and ear; no camera has perfect as the human eye; no ventilating plant so wonderful as the nose, lungs and skin; and no electrical switch can compare with the spinal cord. Isn't such a marvelous mechanism worthy of the highest respect and the best care?

--Floyd Parsons

-000-

West side contraction joint grouting is completed to level 900.

OUTLET WORKS STEEL COMES IN

Guide frames for the outlet works

through the dam have been received at the machine shop in the shape of heavy I-beams. The beams will be assembled into frames over the entrance to the 102-inch-diameter tunnels through the dam, a frame for each tunnel.

Several shipments of steel for the outlet gates have been received, but none of the gates proper have arrived.

Twenty sets of gates will be installed during the present contract.

-000-

ARTIST LEAVES DEPARTMENT

After three years as ambulance driver and artist for the safety department, W. E. Lindman left Tuesday night with Mrs. Lindman for Polson dam in Montana, where Lindman has accepted a position as safety engineer for the Phoenix Construction company.

-000-

INVITE SWIMMERS TO CHELAN CARNIVAL

Swimmers interested in competing for trophies in the eighth annual Lake Chelan regatta and water carnival, Aug. 7 and 8 are invited to submit signed entry forms before Aug. 2 to Dent Addis, at Chelan, Wash.

All events will be run under A. A. U. rules and competitors are required to hold A.A.U. cards.

-000-

COAST FIRE CHIEFS WILL VISIT

Hundreds of members at the annual convention in Spokane of the Pacific Coast Association of Fire Chiefs will visit the dam site Aug. 14. This is the last day of their gathering, which begins Aug. 11.

-000-

The high efficiency of the two mixing plants is attested to by the fact that the westmix also operates now on a 2-minute mix. The eastmix has long worked on a 2-minute mix.

The change in mix time was made possible by improvements on the mixer.

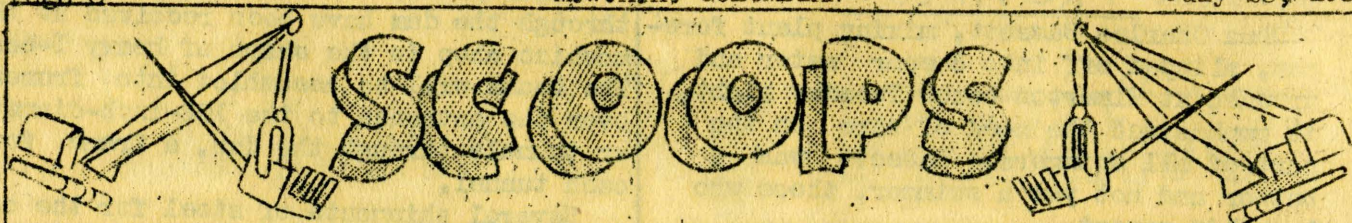
-000-

LICENSE RENEWALS FOR OPERATORS OF MOTOR VEHICLES MUST BE MADE BEFORE AUG. 1 OR EXAMINATIONS WILL BE NECESSARY.

-000-

Band concerts will continue in Mead Circle every Sunday night at 8 p.m.

-000-



Dr. Votava had an urgent call from a man saying his small son had swallowed his fountain pen.

"All right! I'll come at once," replies the doctor. "What are you doing in the meantime?"

Whereunto came the unexpected answer, "Using a pencil."

-oOo-

WE ARE A VERY PUNCTUAL PEOPLE, BUYING OUR CARS, OUR FURNITURE, AND CLOTHES ON TIME.

-oOo-

A bewildered laborer stumbled bashfully into the store.

"I wanta get a corset for the missus," he explained.

"What bust?" asked little Barbara.

"Nothin'," replied the flustered MWAK-er, "It just wore out."

-oOo-

NOW YOU TELL ONE--

"No," said the jealous wife, "I never listen when John talks in his sleep."

-oOo-

Moonshine: A beverage, probably so named because it affects the timid lovers as the moon does.

Optimist: One who says the bottle is half full.

Pessimist: One who says the bottle is half empty.

-oOo-

Hoid on Toity-Toid Street:

"Papa, what's a vacuum?"

"A vacuum's d'void, sonny."

"I know, Papa, but vat's the void mean?"

-oOo-

ONE-LEGGED MEN ARE NOT NECESSARILY GOOD STUMP SPEAKERS, BUT THEY WILL TELL YOU THAT IT'S HELL TO BE A CRIPPLE.

-oOo-

THE TRAILER IDEA HAS MADE A COMBINATION HARD TO BEAT. SOME OF THEM DRIVE A TIN CAN AND EAT OUT OF IT TOO.

-oOo-

"Who spilled the mustard on this waffle?"

The new Mrs. C.: "Oh, Jack, how could you? This is lemon pie."

-oOo-

A lady at Electric City, we learn, is very fond of flowers and especially likes the salvia, but she's very unreliable in getting the names right.

Last Monday she was giving directions to a gardener. "On this side of the walk I want you to put out some salivas," she said. "Now what would you suggest for the other side?"

"Well, madam," answered the gardener solemnly, "maybe it would be a good idea to put some spittonias there."

-oOo-

TO TELL SUMMER TEMPERATURES CORRECTLY, A POPULAR SCIENCE NOTE INFORMS US, ALL YOU HAVE TO DO IS COUNT THE NUMBER OF TIMES A TREE CRICKET CHIRPS IN A SECOND AND ADD FORTY. ANOTHER WAY IS TO LOOK AT THE THERMOMETER.

-oOo-

"What does your son do in your store?"

"He sells toys and pets in the basement."

"What a way to learn a business."

-oOo-

"Sorry, madam, but licenses are issued

only when your form is filled out properly."

"Why, I like your nerve, sir. We can get married no matter what I look like."

-oOo-

BETTER WAIT A MOMENT AT THE CROSSING THAN FOREVER IN THE CEMETERY.

-oOo-

Here's a good telegram we saw from a new arrival on the job. He said he was sending it to his wife:

"Arrived safe, sound and sober. Am still safe and sound."

-oOo-

FABLE: Once upon a time there was a canary bird that wasn't named Dickie.

-oOo-

CHURCH

CATHOLIC CHURCH—Father A. Farrelly, pastor

Mass will be said Sunday, July 25, in Mason City at 8:00 a.m. and in Grand Coulee at 10:00 a.m. Instructions for children will be given Saturday morning.

COMMUNITY CHURCH—The Rev. W. W. Sloan, Ph. D., pastor

9:45 a.m. Church
11:00 a.m. Morning worship; subject, **WHAT MIGHT HAVE BEEN**
7:00 p.m. Vesper services, continuation of series on "What Christianity Stands For."
8:00 p.m. Friday (TONIGHT), social hour for young people.

CHURCH OF JESUS CHRIST OF LATTER DAY SAINTS—R. E. Nuttall, superintendent (in Mason City high school building)

10:30 a.m. Sunday School
11:15 a.m. Departmental works:
Gospel doctrine: adults
Church history: juniors
Primary

ELECTRIC CITY UNION CHURCH—

M. L. Bennett, pastor
11:00 a.m. Sunday School
12:00 a.m. Morning worship
6:30 p.m. Young people
7:30 p.m. Evening worship

SEVENTH DAY ADVENTIST CHURCH (in Electric City Union church)

Services are held every Saturday at 9:45 a.m., followed by Bible study.

—o0o—

CIVIL SERVICE EXAMINATIONS

SENIOR EDUCATIONAL ANALYST; educational analyst; warden and associate warden of prisons; principal safety promotion adviser; treasury department field representative.

Inquire at local post-office.

—o0o—

YOU CAN'T LAUGH OFF AN ACCIDENT?

TENNIS CLUB SWAMPS ELLENSBERG

An undefeated Coulee dam tennis club kept its record unblemished at Ellensburg last Sunday by trouncing the locals seven matches to three. A return meet will be held here Aug. 8 with Ellensburg, and with Wenatchee Aug. 29. The club here, with members continually added from the government and MWAK ranks, has taken its fourth meet.

Results:

COULEE DAM

Wilbur Roush 2-6, 6-1, 6-4
Hank Lundbert, 5-7, 6-3, 3-6
Virgil Butler 6-1, 8-6
Rollie Messer 6-2, 6-0
Lyle Roush 6-5, 6-2
Kennie Jones 13-15, 6-4, 7-9
Mrs. Brunstad 6-1, 6-1

ELLENSBERG

Russ Hearin
Tom Stephens
Frank Crimp
Carter Crimp
Ray Breedlove
Bob Butterfield
Dorothy Hahn

Doubles

Roush & Roush 6-4, 6-0
Lundberg & Butler, 1-6, 6-3, 3-6

Stephens & Hearin

Mixed Doubles

Messer & Brunstad 8-6, 6-4
Hearin & Hahn

—o0o—

OWNERS OF HORSES WINNING MASON CITY THEATRE "Swoopstakes"—

I. T. Nicholarn, first; Hazel Byers, second; Ivan Maney, third.

—o0o—

WEAR SAFE SHOES—AVOID THE NAIL HAZARD—AVOID THE TRIPPING HAZARD OF LOOSE SOLES

—o0o—

Pipe in each mixing plant totals more than 1,000 feet for air, steam, and water.

—o0o—

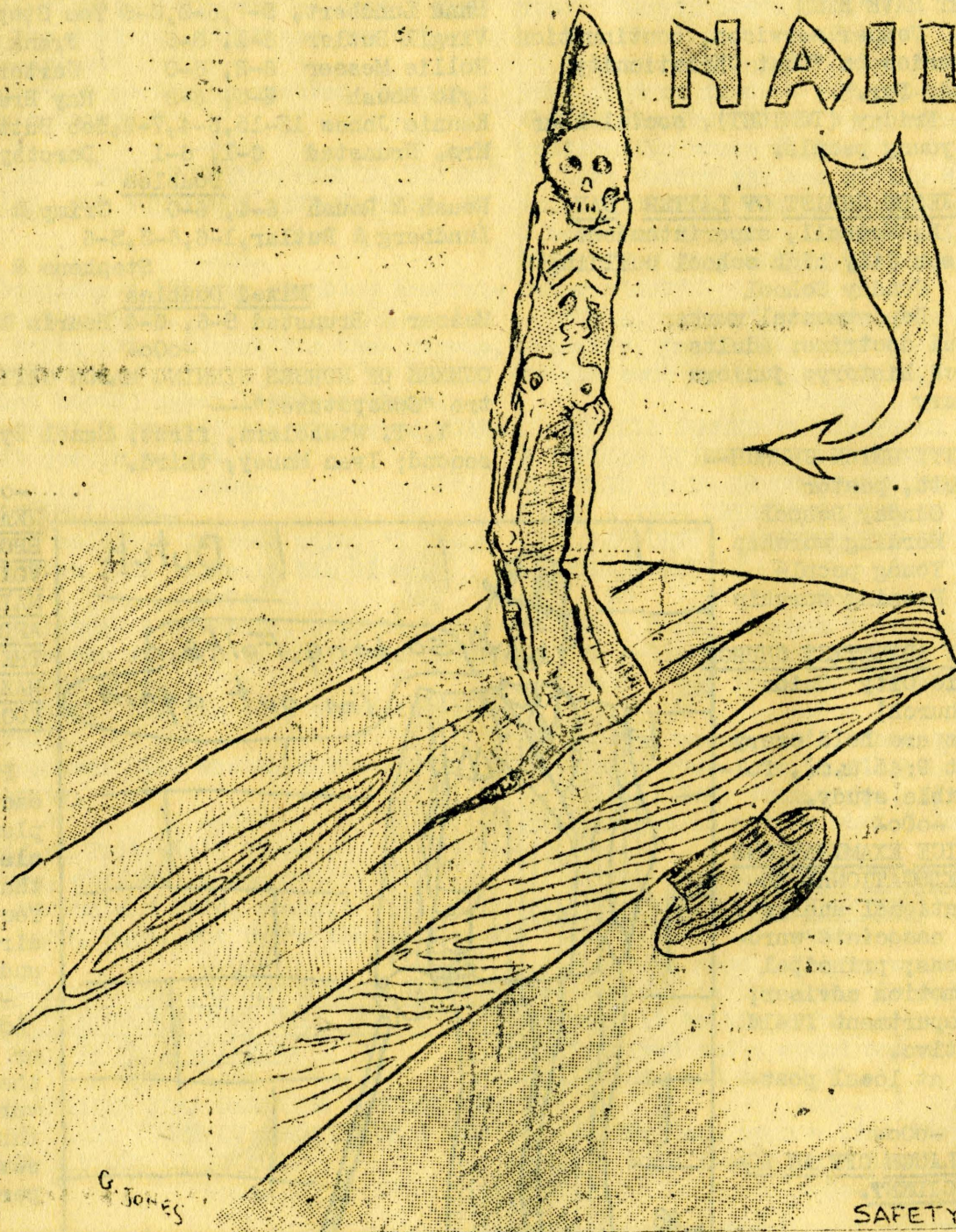
Low water flow of the river varies from three to seven miles per hour.



REMOVE

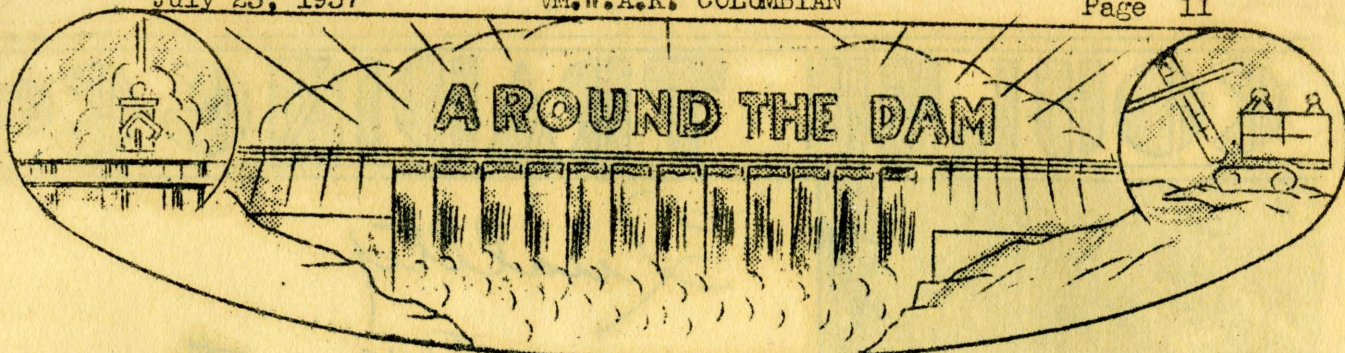
THAT

NAIL!



G. Jones

SAFETY DEPT.



ROCK WORK LEAVES CENTER SECTION

Jackhammer work on the river bed where the Columbia flowed nine months ago will end this week, government inspectors believe. Drilling will shift to the east keyway where possibly 50,000 yards of rock will be blasted and trucked out.

Pipe men began running air lines for sharpeners and drills Tuesday and work began yesterday on the transference of two steel sharpening machines from the shed above the river area to a point on the east abutment.

River section rock work remaining after Sunday is expected to be only a bit of final cleanup near the downstream edge of the area.

RIVER PAYS DIVIDENDS

Three of four guesses as to high elevation for the Columbia river for the present year would have won for Johnny Davis, MWAK Foreman, but one was enough to win \$128 in the "Floodstakes" conducted by USBR employees.

The high official reading was 965.71 for the river. Davis had three winning guesses of 965.7, 965.9, and 965.5

-oOo-

Eight MWAK caterpillars have been sold.

-oOo-

SAFETY ALWAYS PAYS

-oOo-

OL' MAN RIVER GOES QUIETLY ON

Any concern the river may have brought to the river area is now a thing of the past. Up until a week ago daily records had been kept of the output of every pump in the area. The last daily pumping report was recorded one week ago.

-oOo-

BLOCK 67-A, IN THE FORMER DEEP EAST hole, has reached a height of approximately 200 feet from lowest bedrock. It is now at elevation 965. Upstream blocks average 960, or approximately 40 feet from contract completion, out to block 65.

-oOo-

FIRST-AID CLASSES HELD FOR THE PAST five days will conclude today. They will not continue next week.

-oOo-

ONLY SIX BENTS REMAIN TO COMPLETE THE low trestle.

-oOo-

BORN at the Mason City hospital--

July 19, to Mr. and Mrs. J.W. Goffein of Grand Coulee, a son

July 17, to Mr. and Mrs. Melvin McKerlie of Grand Coulee, a son

July 21, to Mr. and Mrs. M. E. Hall of Alhira, a son

July 21, to Mr. and Mrs. J. A. Wollaston of Osborne, a daughter (3 lbs. 10oz.)

-oOo-

ADDITIONAL WOOD TRESTLE ERECTION AT the eastrix is to convey sand trucks to feed into hoppers at the end of the trestles. Gate-controlled hoppers will feed to buckets on flat cars. Cars will be transported out on either the high or low trestles and sand buckets lowered to concrete.

Sand placed on the top of concrete lifts is to help with concrete curing.

-oOo-

THE 180-FOOT BOOM CONVEYOR AND FEEDER unit will be completed and ready for removal from the machine shop to the new cut at Brett pit some time next week.

The working activity of the conveyor is similar to that for the main excavation conveyors. The feeder, which will shelve off large boulders, is unlike the vibrating feeders at present in Brett pit.

-oOo-

ONE-THIRD OF THE FORMS FOR THE OUTLET works of the present contract were completed Tuesday night. This meant approximately 2,300 feet of cylindrical forms for tunnels 102 inches in diameter.

-oOo-

WHAT ABOUT TOMORROW IF YOU MEET WITH AN ACCIDENT TODAY?

-oOo-

BOULEE TRADING CO

Quality
Meats

Pork
Roast
2 1/4 #

Armour's Star
Ham
for
Baking

Pure
Pork 2 5/8 #
Sausages

2 7/8 #

Colored
Spring
Chickens 3 5/8 #

and
other
Specialties

Large Slices
each
Nam- 10¢

MEAT DEPT